

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
9 June 2005 (09.06.2005)

PCT

(10) International Publication Number
WO 2005/052696 A1

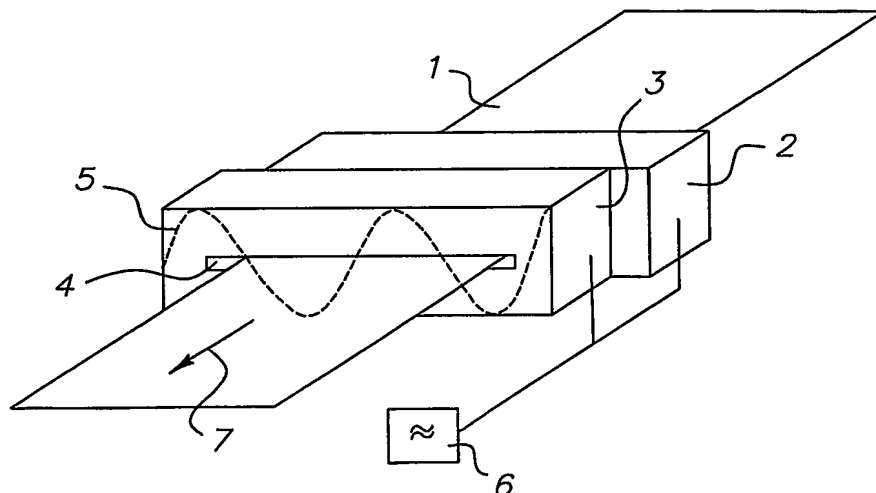
- (51) International Patent Classification⁷: **G03G 13/20**, 13/23, 15/20, 15/23
- (21) International Application Number:
PCT/US2004/034828
- (22) International Filing Date: 20 October 2004 (20.10.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
103 53 392.3 15 November 2003 (15.11.2003) DE
- (71) Applicant (for all designated States except US): **EASTMAN KODAK COMPANY** [US/US]; 343 State Street, Rochester, NY 14650-2201 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **BEHNKE, Knut** [DE/DE]; Schlotfeldtsberg 18, 24220 Flintbek (DE). **KRAUSE, Hans-Otto** [DE/DE]; Jungfernstieg 100, 24340 Eckernförde (DE). **MORGENWECK, Frank-Michael** [DE/DE]; Hamburger Landstrasse 50, 24113 Molfsee (DE). **ROHDE, Domingo** [DE/DE]; Redderkamp 93, 24111 Kiel (DE). **SCHULZE-HAGENEST, Detlef** [DE/DE]; Dorfstede 51, 24113 Molfsee (DE). **SEIMETZ, Lars** [DE/DE]; Poststrasse 15, 24239 Achterwehr (DE).
- (74) Common Representative: **EASTMAN KODAK COMPANY**; 343 State Street, Rochester, NY 14650-2201 (US).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,

[Continued on next page]

(54) Title: **FIXING OF TONER IMAGES FOR DUPLEX PRINTING**



(57) Abstract: Toner images applied on the first-side and on the second-side of a substrate are fixed together by microwaves, by being heated to a final fixing temperature, and that the toner image applied on the first-side is prefixed by microwaves before a toner image on the second-side is applied, with the toner image of the first-side being heated to a prefixing temperature that is lower than the final fixing temperature.

WO 2005/052696 A1



PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

— as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.